Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for framing packets in a wireless transmission system supporting broadcast transmissions, the method comprising:

generating a portion of an Internet Protocol (IP) packet for transmission;

appending a start of frame indicator to the portion of the IP packet;

applying an error checking mechanism to the portion of the IP packet not including a protocol field to identify a payload type;

preparing a frame for transmission, having the start of frame indicator, the portion of the IP packet, and the error checking mechanism; and

transmitting the frame without the protocol field.

2. (Original) The method as in claim 1, wherein the start of frame indicator is a predetermined sequence of bits, the method further comprising:

if the portion of the IP packet contains the predetermined sequence of bits, inserting a classifier into the portion of the IP packet.

3 (Original) The method as in claim 2, wherein the classifier corresponds to an escape character.

4. (Original) The method as in claim 1, wherein the error checking mechanism is a frame check sequence.

5-6. (Canceled)

7. (Previously Presented) A method for receiving framed packets in a wireless transmission system supporting broadcast transmissions, the method comprising:

receiving a frame of a packet transmission wherein the frame contains a payload portion of an Internet Protocol (IP) packet and does not include a protocol field to identify a

payload type, the frame having a start of frame portion, a payload portion, and an error check portion, the frame not including the protocol field;

identifying the frame as a start frame in the packet transmission;

verifying the frame using the error check portion of the frame; and

processing the payload portion of the frame.

8. (Original) The method as in claim 7, wherein if the start of frame indicator is a predetermined sequence of bits, and wherein if the payload portion contains the predetermined sequence of bits, the payload portion further includes a classifier to identify the predetermined sequence of bits in the payload.

9. (Original) The method as in claim 8, wherein the classifier defines an escape character.

10. (Previously Presented) The method as in claim 8, further comprising:

identifying the classifier in the payload not including protocol information to identify a payload type; and

processing the payload without the classifier.

11. (Currently Amended) The method as in claim [[1]]7, wherein the error check[[ing]] portion is a frame check sequence.

12. (Previously Presented) An apparatus for framing packets in a wireless transmission system supporting broadcast transmissions, the apparatus comprising:

means for generating a portion of an Internet Protocol (IP) packet for transmission;

means for appending a start of frame indicator to the portion of the IP packet;

means for applying an error checking mechanism to the portion of the IP packet;

means for preparing a frame for transmission, having the start of frame indicator, the portion of the IP packet and the error checking mechanism and not including a protocol field to identify a payload type; and

means for transmitting the frame without the protocol field.

13. (Previously Presented) An apparatus for receiving framed packets in a wireless transmission system supporting broadcast transmissions, the apparatus comprising:

means for receiving a frame of a packet transmission wherein the frame contains a payload portion of an Internet Protocol (IP) packet and does not include a protocol field to identify a payload type, the frame having a start of frame portion, a payload portion, and an error check portion, the frame not including the protocol field;

means for identifying the frame as a start frame in the packet transmission;

means for verifying the frame using the error check portion of the frame; and

means for processing the payload portion of the frame.

14. (Currently Amended) A ~~computer program stored on a computer readable~~ storage medium encoded with executable instructions~~unit, the computer program~~ for framing packets in a wireless transmission system supporting broadcast transmissions, the instructions~~computer program~~ comprising:

a first set of instructions for generating a portion of an Internet Protocol (IP) packet for transmission;

a second set of instructions for appending a start of frame indicator to the portion of the IP packet;

a third set of instructions for applying an error checking mechanism to the portion of the IP packet;

a fourth set of instructions for preparing a frame for transmission, having the start of frame indicator, the portion of the IP packet and the error checking mechanism and not including a protocol field to identify a payload type; and

a fifth set of instructions for transmitting the frame without the protocol field.

15. (Currently Amended) A storage medium encoded with executable instructions ~~a computer program stored on a computer readable storage unit, the computer program~~ for receiving framed packets in a wireless transmission system supporting broadcast transmissions, the instructions~~computer program~~ comprising:

a first set of instructions for receiving a frame of a packet transmission wherein the frame contains a payload portion of an Internet Protocol (IP) packet and does not include a protocol field to identify a payload type; the frame having a start of

frame portion, a payload portion, and an error check portion, the frame not including the protocol field;

a second set of instructions for identifying the frame as a start frame in the packet transmission;

a third set of instructions for verifying the frame using the error check portion of the frame; and

a fourth set of instructions for processing the payload portion of the frame.

16. (New) An apparatus comprising:

a memory; and

a processor for executing a set of instructions stored in the memory, the set of instructions for:

generating a portion of an Internet Protocol (IP) packet for transmission;

appending a start of frame indicator to the portion of the IP packet;

applying an error checking mechanism to the portion of the IP packet not including a protocol field to identify a payload type;

preparing a frame for transmission, having the start of frame indicator, the portion of the IP packet, and the error checking mechanism; and

transmitting the frame without the protocol field.

17. (New) The apparatus of claim 16, wherein the start of frame indicator is a predetermined sequence of bits and wherein the processor is futher for executing instructions for:

if the portion of the IP packet contains the predetermined sequence of bits, inserting a classifier into the portion of the IP packet.

18. (New) The apparatus of claim 17, wherein the classifier corresponds to an escape character.

19. (New) The apparatus of claim 16, wherein the error checking mechanism is a frame check sequence.

20. (New) An apparatus for receiving framed packets in a wireless transmission system supporting broadcast transmissions, the apparatus comprising:

a memory; and

a processor for executing a set of instructions stored in the memory, the set of instructions for:

receiving a frame of a packet transmission wherein the frame contains a payload portion of an Internet Protocol (IP) packet and does not include a protocol field to identify a payload type, the frame having a start of frame portion, a payload portion, and an error check portion, the frame not including the protocol field;

identifying the frame as a start frame in the packet transmission;

verifying the frame using the error check portion of the frame; and

processing the payload portion of the frame.

21. (New) The apparatus of claim 20, wherein if the start of frame indicator is a predetermined sequence of bits, and wherein if the payload portion contains the predetermined sequence of bits, the payload portion further includes a classifier to identify the predetermined sequence of bits in the payload.

22. (New) The apparatus of claim 21, wherein the classifier defines an escape character.

23. (New) The apparatus of claim 21, wherein the processor is further for executing instructions for:

identifying the classifier in the payload not including protocol information to identify a payload type; and

processing the payload without the classifier.

24. (New) The apparatus of claim 20, wherein the error check portion is a frame check sequence.